

Work Order ID 152513***152513***

Page 1

Thursday, October 27, 2016 7:07:17 AM

Item ID: 650.0401

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: PUREair Fairing Assembly

Start Date: 10/27/2016 Start Qty: 1.00

1

Cust Item ID:

Required Date: 11/17/2016 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals:

Process Plan: lu

Date: _____

Tooling: _____

Date: _____

Run Start ***NR1***

QC: _____

Date: _____

SPC (Y/N): _____

Date: _____

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr

Revision Nbr

650.0400

110

0.00

110

PURCHASING

Purchasing

Memo

32043

0.00

Issue P/O:

Description: 650.0401

Supplier: FDC

Certification of Conformity and process sheet from FDC is required.

lu 16 Oct 14

120

Receive & Inspect for Damage & Mat'l Certs

0.00

120

Packaging

Memo

0.00

Ensure Certificate of Conformity & Process Sheet are attached

NSP17-026

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="width:15%;">Skid-tube ☐</td> <td style="width:15%;">Cross tube ☐</td> <td style="width:15%;">Water Jet ☐</td> <td style="width:15%;">Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
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Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval																		
Description Work Order Deviation				Disposition																					
Root Cause		FAULT CATEGORY																							
Environment ☐	☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐																			
Design ☐	☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐																			
Doc/Data ☐	☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐																			
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Handling/Pre ☐	☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐																			
Material ☐	☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐																			
Internal Transport ☐	☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐																			
Tribal Knowledge ☐	☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐																			
LOA ☐	☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐																			
Substation ☐	☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐																			
Past Expiry Date ☐	☐	Manufacturing Process ☐	OTHER :																						
Misidentified ☐	☐	Past Due ☐																							

Work Order ID 152513

Thursday, October 27, 2016 7:07:17 AM

152513

Page 2

Item ID: 650.0401 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: PUREair Fairing Assembly
Start Date: 10/27/2016 Start Qty: 1.00 ***1*** Cust Item ID:
Required Date: 11/17/2016 Req'd Qty: 1.00 ***1*** Customer:
Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130 *130* QC Quality Control	QC6- Inspect dimensions to drawing Memo Inspect as per Dwg 650.0401 Audit process sheet.	0.00				1			P.T.O. ^{DAS 38 9-89} FEB 23 2017
*135 SMALL FAB.	Remove & Replace all hardware.	0.00							
140 *140* Packaging Packaging	Identify as per dwg & Stock Location 16/09 Memo	0.00				1			^{DAS 07 9-89} FEB 28 2017 17/02/23
150 *150* QC Quality Control	QC21- Final Inspection - Work Order Release Memo	0.00							17/2/28 <i>[Signature]</i>

^{DAS 21 9-89}

FEB 28 2017

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation			Disposition		
P.T.O.			Completed By		
			Lead hand / Supervisor Approval Verification		
			QC / QA Coordinator Approval		
Root Cause			FAULT CATEGORY		
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : ☐					

Picklist Print

Thursday, October 27, 2016 7:07:17 AM

Page 1

Work Order ID: 152513

152513

Parent Item: 650.0401

650 0401

Parent Item Name: PUREair Fairing Assembly

Start Date: 10/27/2016

Required Date: 11/17/2016

Start Qty: 1.00

Required Qty: 1.00

Comments:

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
650.0401P *650 0401P* AS350 Eaps Fairing Assembly		Purchased			No		Each	0.0000		1			
										**	12 Sep 17-02-6.		

DQA: _____ Date: _____



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Work Order update only ☐

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Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition			
				Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : ☐					



04939

SHEET 1 OF 1

DWG NO. 650.0400

REV: C

PREPARED BY J. SOTO

DATE: 04/28/2015

EFFECT ON DWG
☒ INC. ☐ UNINC.

DWG TITLE: AS350 EAPS FAIRING ASSY

APPROVED BY:

ENGR

MFG

22

EFF.	NEXT ORDER
------	------------

TRANSACTION CODES (TC):
A-ADD C-CREATE
R-REVISE D-DELETE

REASON: REVISED F/N 4, 5, 6, & 9 FROM IMPERIAL TO METRIC.

W/O 152513

9	R	601.3803	2	SCREW	LN9038-05-16	
6	R	601.3802	14	CLICK BOND, NUTPLATE	CB6014CR5M-1P	
5	R	601.3801	12	SCREW	LN9038-05-14	
4	R	601.3800	14	WASHER	BS4320-A5	
F/N	TC	PART NUMBER	.0401			
		QTY		DESCRIPTION	MATERIAL	SPECIFICATION
DOCUMENTS EFFECTED:				☐ PATTERN ☐ MDL ☒ INSTALL INSTRUCTIONS ☒ ICA ☐ FMS ☒ BOM	CHANGE CATEGORY	DER REVIEW REQUIRED
				☐ MAJOR ☒ MINOR	☐ YES ☒ NO	

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

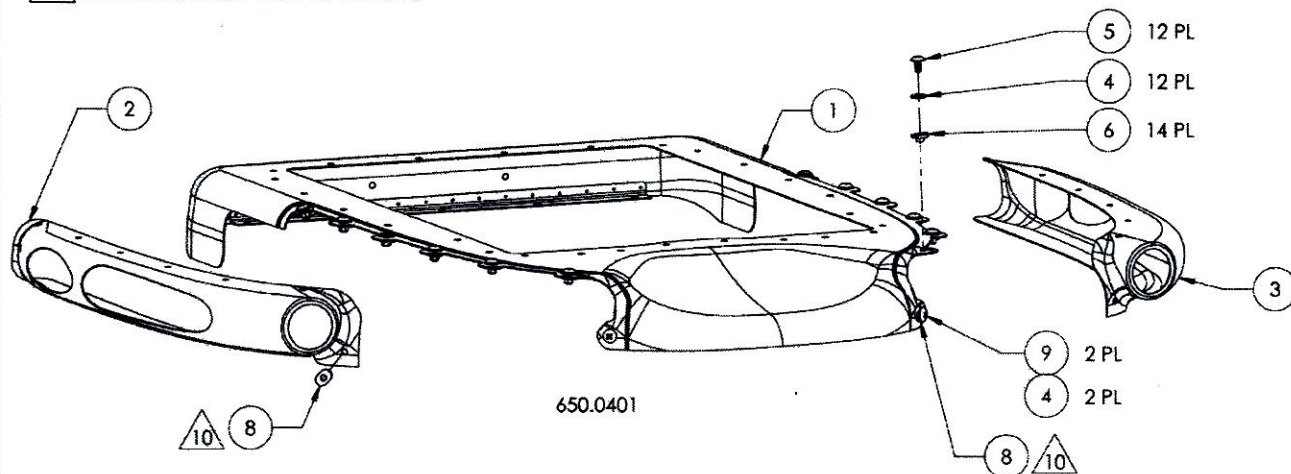
Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval	
Description Work Order Deviation				Disposition				Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐	☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐			
Design ☐	☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐			
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Internal Transport ☐	☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐			
Tribal Knowledge ☐	☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐			
LOA ☐	☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐			
Substation ☐	☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐			
Past Expiry Date ☐	☐	Manufacturing Process ☐	OTHER :						
Misidentified ☐	☐	Past Due ☐							

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NOTES:

1. IDENTIFY IAW MPP 120
2. MANUFACTURE IAW MPP 145
3. PART DIMENSIONS CONTROLLED BY 3D CAD MODEL
F/N 1 CONTROLLED BY "650.0410 FAIRING.SLDPRT", LAST MODIFIED: 7/24/13
F/N 2 CONTROLLED BY "650.0411 RIGHT EJECTOR COVER.SLDPRT", LAST MODIFIED: 7/24/13
F/N 3 CONTROLLED BY "650.0412 LEFT EJECTOR COVER.SLDPRT", LAST MODIFIED: 7/17/13
4. MATERIAL: GREY EPOXY SURFACE VEIL (AX-2140-50")
5. MATERIAL: COPPER LIGHTNING STRIKE PROTECTION 3CU-125A (05-02632)
6. MATERIAL: CARBON FIBER PREPREG
CARBON FIBER: ALDILA PREPREG SYSTEM 3K 2X2-FR250B-204/40-50"
7. CURE TEMPERATURE: 260°F FOR 4 HOURS, SEE DRAWING DETAILS ON SHEET 3 FOR LAYUP SCHEDULE
8. PRIME IAW MIL-PRF-85582, 5 MIL MAX, MASK NUTPLATE THREADS
9. MATERIAL: POLYCARBONATE
10. ATTACH F/N 8 TO F/N 2 OR 3 USING PLASTIC WELDER FROM VENDOR DEVCON
11. APPLY MASKING PRIOR TO PRIMING



REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
N/C	INITIAL RELEASE	07/25/13	L. GAUDIER
A	INCORPORATED ECH 0402	11/27/13	P. BRAVO
B	INCORPORATED ECH 0430	12/17/13	P. BRAVO
C	INCORPORATED ECH 04307	04/18/14	P. BRAVO
D	INCORPORATED ECH 04839	04/28/15	P. BRAVO

1	12				
1	11				
2	9	601.3803	SCREW	LN9038-05-16	
2	8	650.0415	SPACER		△△△
14	6	601.3802	CLICK BOND, NUTPLATE	CB6014CR5M-1P	
12	5	601.3801	SCREW	LN9038-05-14	
14	4	601.3800	WASHER	BS4320-A5	
1	3	650.0412	LEFT EJECTOR COVER		△△△△
1	2	650.0411	RIGHT EJECTOR COVER		△△△△
1	1	650.0410	FAIRING		△△△△
		650.0401	AS350 EAPS FAIRING ASSY		
.0401	F/N	P/N	DESCRIPTION	MATL	SPEC.
QTY			PARTS LIST		
NEXT ASSY (S)			ORIGINAL DATE: 07/16/13		
			DRAWN BY: D. PERES		
			CHECKED BY: L. GAUDIER		
			DRAWING APPROVAL: J. GARDNER		
			CONTRACT NO.		
			UNLESS OTHERWISE SPECIFIED		
			DIMENSIONS ARE IN INCHES		
			TOLERANCES ARE:		
			2 PLACE DECIMALS .003		
			3 PLACE DECIMALS .010		
			ANGLES: ± .5°		
			SITE (CAGE CODE) DND NO		
			B 07M26 650.0400		
			SCALE NONE		
			SHEET 1 OF 4		

APICAL INDUSTRIES
2608 TEMPLE HEIGHTS DR.
OCEANSIDE, CA. 92056-3512 (760)724-5300
AS350 EAPS FAIRING ASSY

DQA: _____ Date: _____



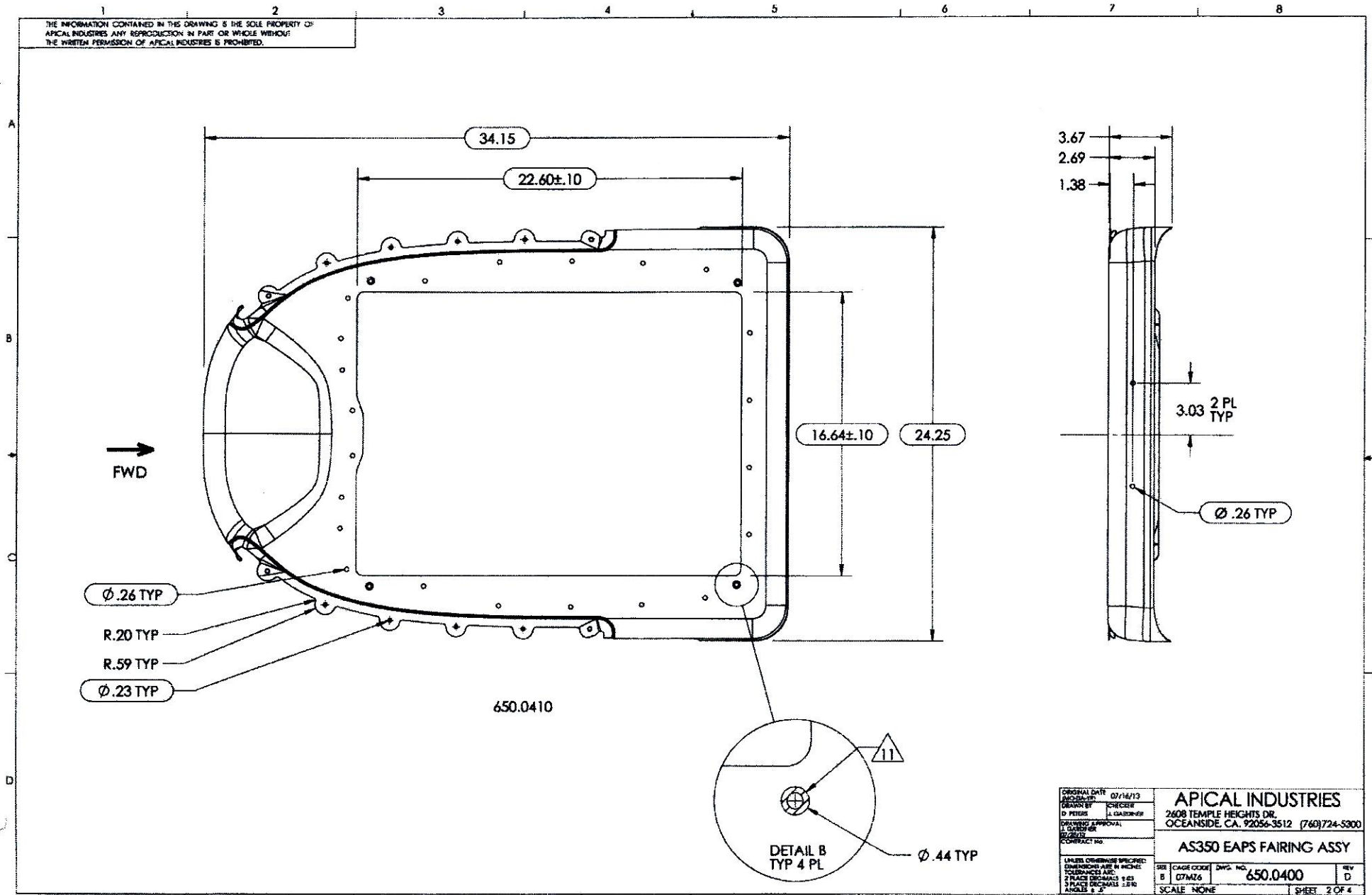
WORK ORDER NON-CONFORMANCE / UPDATE

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ORIGINAL DATE 07/16/13		APICAL INDUSTRIES	
DRAWN BY CHECKER		2608 TEMPLE HEIGHTS DR.	
D. PETER		OCEANSIDE, CA. 92056-3512 (760)724-5300	
DRAWING APPROVAL			
CONTRACT NO.		AS350 EAPS FAIRING ASSY	
UNLESS OTHERWISE SPECIFIED:		SIZE CAGE CODE	DWG. NO.
DIMENSIONS ARE IN INCHES		B 07MA26	650.0400
TOLERANCES ARE:		SCALE NONE	REV D
2 PLACE DECIMALS ±.05			
3 PLACE DECIMALS ±.010			
ANGLES ±.2°			
			SHEET 2 OF 4

DQA: _____ Date: _____



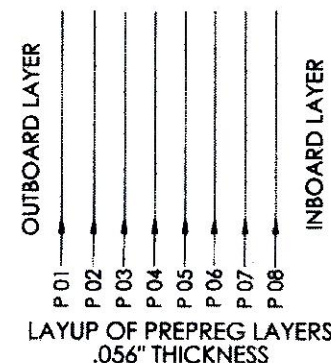
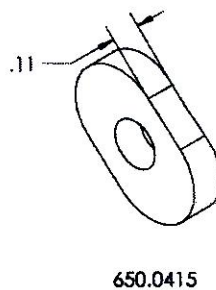
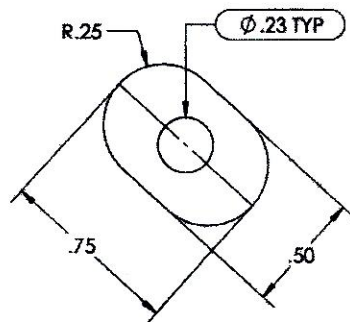
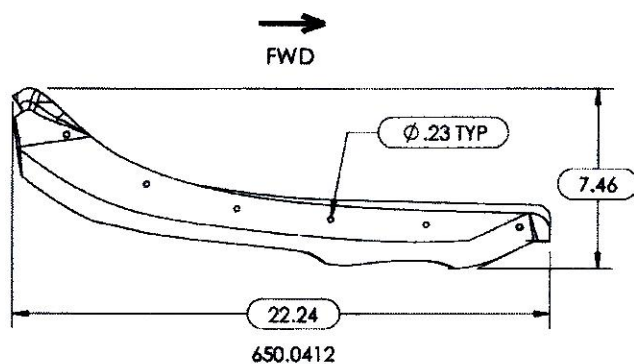
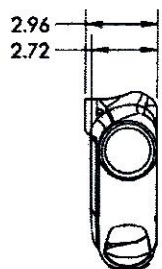
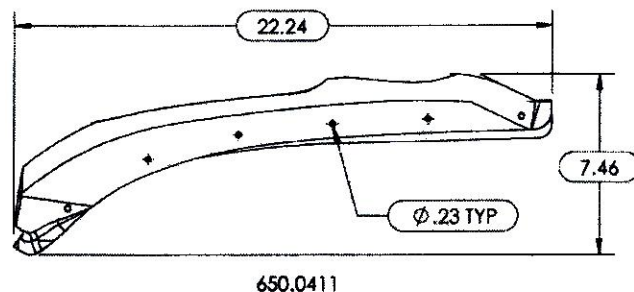
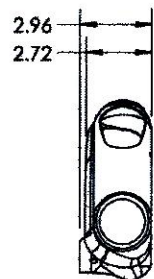
WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

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LAMINATE 1 - .056" (6 LAYERS CARBON FIBER)			
PLY	WARP ANGLE	MATERIAL	THICKNESS
01	NA	△	.004"
02	NA	△	.004"-.012"
03	0	△	.008"-.010" PER LAYER
04	90	△	
05	0	△	
06	90	△	
07	0	△	
08	90	△	

ORIGINAL DATE 07/16/18 DRAWN BY J. GARDNER D. REYES DRAWING APPROVAL J. GARDNER J. GARDNER CONTRACT NO.		APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760) 724-5300	
SHEET DIMENSIONS SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 1 PLACE DECIMALS ±.03 2 PLACE DECIMALS ±.01 ANGLES ±.2°		SIZE CAGE CODE DWD NO. B 07M16 650.0400	REV D
SCALE NONE		SHEET 3 OF 4	

DQA: _____ Date: _____



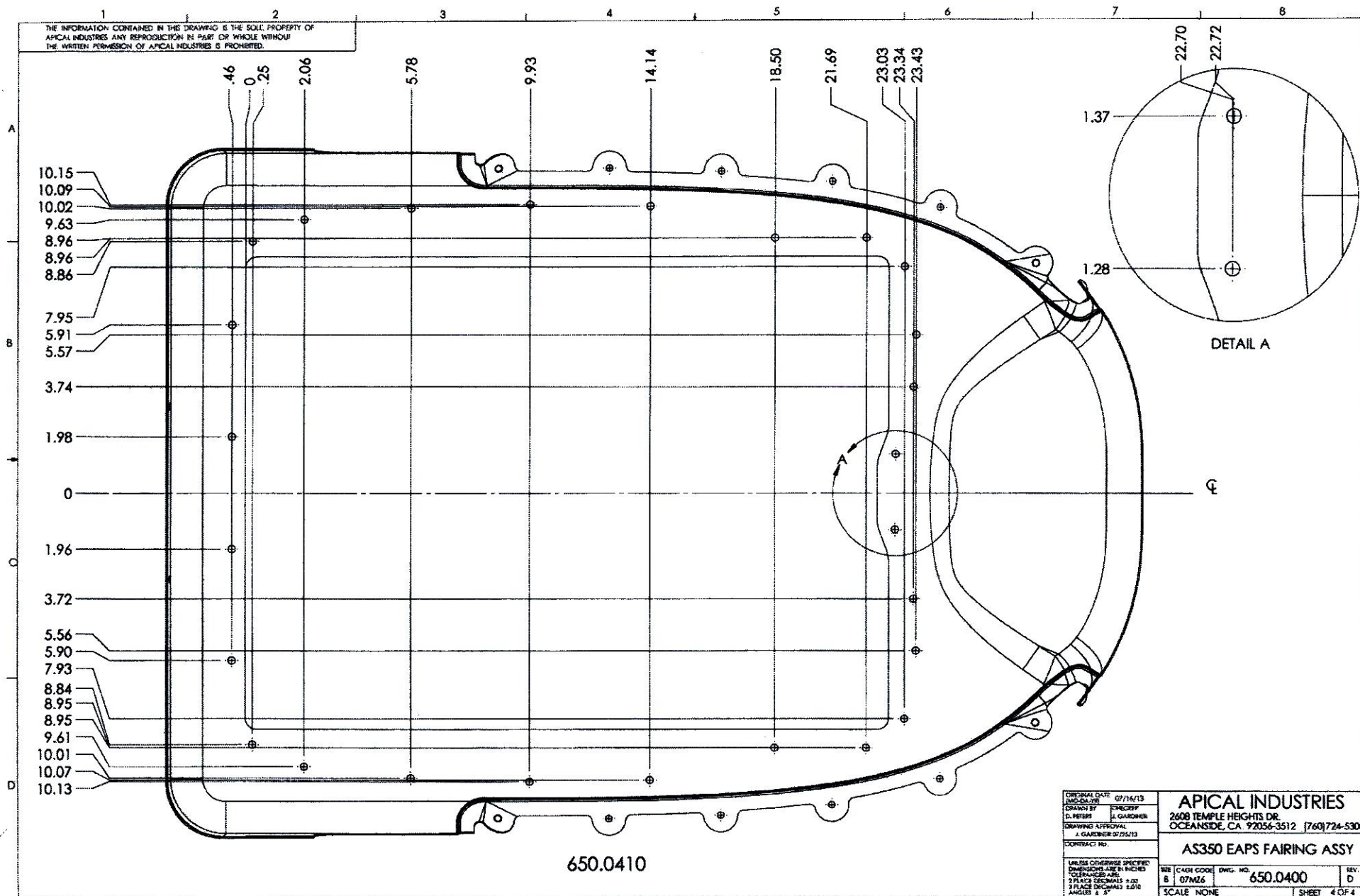
WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
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ORIGINAL DATE: 07/16/13 (MO-DA-YR)		APICAL INDUSTRIES	
DRAWN BY: J. GARDNER		2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA 92056-3512 (760) 724-5300	
DRAWING APPROVAL: J. GARDNER 07/25/13		AS350 EAPS FAIRING ASSY	
CONTRACT NO.		SIZE: CASH CODE: 07M26	DWG. NO.: 650.0400
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACES DECIMALS ±.02 3 PLACES DECIMALS ±.005 ANGLES ±.5°		SCALE: NONE	REV. D
		SHEET 4 OF 4	

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

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Work Order update only ☐

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OTHER :																					

ART
AEROSPACE

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

Purchase Order ID PO32016

Purchase Order Date 4/14/2016
PO Print Date 10/27/2016

Page Number 4 of 8

Order From:

FDC COMPOSITES INC.
45 CHEMIN DE L'AEROPORT
LOCAL 26
ST. JEAN SUR RICHELIEU, QUEBEC J3B 7B5

VU-FDC001

Ship To: DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name
Vendor Phone 450-357-1344 Ext 303

Ship To Contact
Ship To Phone
Ship Via:
Ship Acct:

Buyer Chantal Lavoie
Customer POID 10127-2607
Customer Tax # Net 30
Terms USD
Currency Destination-Collect
FOB

11 650 0401P

AS350 Eaps Fairing
Assembly

11/17/2016

No

11/17/2016

1.00

Each

Line Total:

\$2,580.00

\$2,580.00

\$2,580.00

AS PER DWG 650 0401
B152513

12 650 0401P

AS350 Eaps Fairing
Assembly

11/17/2016

No

11/17/2016

1.00

Each

Line Total:

\$2,580.00

\$2,580.00

\$2,580.00

AS PER DWG 650 0401
B152514

13 650 0401P

AS350 Eaps Fairing
Assembly

11/17/2016

No

11/17/2016

1.00

Each

Line Total:

\$2,580.00

\$2,580.00

\$2,580.00

AS PER DWG 650.0401
B152515

PO Instructions: QUOTE NO 1239

Note:

10/27/2016



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CERTIFICATE OF CONFORMITY

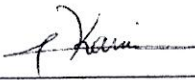
Customer Name: Dart Aerospace.

Customer P/O Number: 32043

Revision : NC

<u>PO Item</u>	<u>Qty</u>	<u>Part number ID</u>	<u>Description</u>	<u>Dwg number Assy</u>	<u>FDC ID</u>	<u>Lot</u>
1	3 (Number 8,9 and 10)	650.0401	PUREair Fairing Assembly	650.0400 Rev D	DAE009-008	2016-12-01
					DAE010-007	2016-11-28
					DAE011-009	2016-11-07
					DAE009-012 ✓	2017-01-10
					DAE010-011 ✓	2017-01-04
					DAE011-012 ✓	2017-01-12
					DAE009-011	2016-12-20
					DAE010-012	2017-01-10
					DAE011-011	2017-01-04

I hereby certify that the workmanship, material and the processes used in the manufacture of the above part(s) supplied are in accordance with the requirements of the applicable Purchase Order.

Signature: 
Karim Malihy, Quality Manager

Date: 03 Feb 2017

FDC Composites inc.
45, Chemin de L'Aéroport
Local 26
Saint-Jean-sur-Richelieu (QC)
J3B 7B5
Tel.: 450 357-1344

Shipping Order 03/02/2017

Order : 5765 Rev F
Reference : PO #32043/1
Ship : FOB USINE FDC PLANT

Customer: DART US

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON
K6A 1K7

Ship To
Dart Aerospace
1270 Aberdeen Street
Hawkesbury, ON
K6A 1K7
Tel.: 1 613 632-9577

Item No.	Description	Qty	Qty. Delivere	B/O Qty
650.0401	PUREair Fairing Assembly PO item: 32043/1 Lot:2016-12-01 Lot: 2016-11-28 Lot: 2016-11-07 FDC ID:DAE009-008 FDC ID:DAE010-007 FDC ID: DAE011-009 Lot: 2017-01-10 Lot:2017-01-04 Lot: 2017-01-12 FDCID:DAE009-012 FDCID:DAE010-011 FDCID: DAE011-012 Lot:2016-12-20 Lot:2017-01-10 Lot:2017-01-04 FDCID:DAE009-011 FDCID:DAE010-012 FDCID:DAE011-011	10	3	0

SP17-02-6

Shipping : _____
Package No : _____
Merchandise Received: _____

Ref. : _____



Supplier Non-Conformance Report

Reviewed			
DQA:			
Date:			
Details			
Raised Date 2/8/2017	Status Open	Owner Downing, Eric M	Number NCR17-6272
Target Date 2/17/2017	Standard	Severity MAJOR	
Process Employee finding		Audit	
Raised By Person Downing, Eric M	Raised Against (Department or Supplier) FDC Composites Inc.		Fault Category Supplier
Details It was brought to the attention of Dart inspector that FDC on PO32043 that the hardware being installed on the 650.0401 fairing are not to the current drawings. FDC is installing hardware according to the Rev B drawing instead of the Rev D drawing. They are manufacturing the parts per Rev D but installing the old hardware. Also has been noticed that FDC is supplying Dart with a C of C that states Rev D but there process sheets states that the parts are manufactured to Rev B.			
Keywords wrong hardware		Product 650.0401	
Document		Root Cause Data/Documentation	
Closed By	Closed Date	Resolution	

Corrective Action			
Target Date 2/17/2017	Owner Downing, Eric M	Closed Date	Closed By
Details			

Actions			
Number	Owner	Target Date	Completed Date
Details		Response	
1	Downing, Eric M	2/10/2017	
Contact FDC regarding to why wrong hardware is being used.		see attached email	
2	Duval, Patrick	2/10/2017	2/9/2017
put all FDC 650.0401 Fairings in manufactured with the REV B parts in quarantine		650.0401 qty3 from PO32043	
3	Downing, Eric M	2/13/2017	2/15/2017
get approval if the use of REV B hardware is acceptable or to have all parts returned to FDC for reworking.		as per attach email rev B hardware is not acceptable. Parts will need to be ship back to FDC for rework	

4	Lacelle, Linda	2/10/2017	2/9/2017
ensure that all PO's are updated to have the correct drawing Revision on them		see attached doc titled Update to PO's (RevD)	
5	Lacelle, Linda	2/17/2017	2/21/2017
return to FDC to reworks 650.0400 as per rev.D. FDC to remove existing nutplate and replace with 601.3802 rev.D. Also screws will need to be replace for 601.3803/601.3801 rev.D		rework will to done at Dart	
6	Leger, Daryl	2/23/2017	
disassemble 650.0401, remove and scrap non conforming nutplates and screws. Rework EASP fairing to rev D using correct hardware:click bond nutplate 601.3802,screws 601.3803 and 601-3801, washer 601.3800		click bond nutplate 601.3802 qty14 M_____screws 601.3803 qty2 M_____screws 601-3801 qty12 M_____washer 601.3800 qty14 M_____	

Verification & Review

Target Date	Owner	Closed Date	Closed By
2/17/2017	Downing, Eric M		
Details			

Actions

Number	Owner	Target Date	Completed Date
Details		Response	